

CLAIMS

1. Use of polyphenol compounds or derivatives thereof present in the form of an extract of rosemary, as free-radical scavengers in cigarette filters.
- 5 2. Use of polyphenol compounds chosen from carnosol, rosmanol, rosmarinic acid and carnosic acid, and derivatives thereof, as free-radical scavengers in cigarette filters.
- 10 3. Use according to Claim 2, in which the polyphenol compounds consist of a mixture of carnosol, carnosic acid and rosmarinic acid.
4. Use according to Claim 2, in which the free-radical scavengers are in the form of a mixture composed totally or partly of carnosol.
- 15 5. Use according to Claim 2, in which the free-radical scavengers are in the form of a mixture composed totally or partly of carnosic acid.
- a 6. Use according to ~~either of Claims 2 and 3~~, in which the polyphenol compounds are present in the form of a plant extract.
- 20 7. Use according to Claim 4, in which the said plant extract is an extract of rosemary.
- a 8. Use according to ~~one of Claims 1, 6 and 7~~, in which the said plant extract is obtained by extraction in an alcoholic or aqueous-alcoholic solvent.
- 25 9. Use according to ~~any one of the preceding claims~~, in which the polyphenol compounds are coupled to a carrier of polymer type.
- a 10. Use according to ^{claim 1} ~~any one of the preceding~~ ~~claims~~, in which the polyphenol compounds or derivatives thereof are incorporated into a cigarette filter in a proportion of from 0.5 mg to 0.1 gram, preferably 0.01 gram.
- a 30 11. Process for preparing a cigarette filter, in which polyphenol compounds as defined in ^{claim 1} ~~any one of the preceding claims~~ are incorporated into the said cigarette filter.
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